

SEQUENCE LISTING

<110> Canne, Lynne
Kent, Stephen B.H.
Simon, Reyna

<120> Solid Phase Native Chemical Ligation of Unprotected or
N-Terminal Cysteine Protected Peptides in Aqueous
Solution

<130> GRFN-023/01US

<140> 09/097,094

<141> 1998-06-12

<150> 60/049,553

<151> 1997-06-13

<160> 6

<170> Patent In Ver. 2.0

<210> 1

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic

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Ala	Leu	Thr	Lys	Tyr	Gly	Phe	Tyr	Gly	Cys	Tyr	Gly	Arg	Leu	Glu	Glu
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Lys	Gly	Cys	Ala	Asp	Arg	Lys	Asn	Ile	Leu	Ala
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<213> Artificial Sequence

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<223> Description of Artificial Sequence:synthetic

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Thr	Ala	Gly	Cys	Thr	Ser	Ala	Gly	Pro	His	Phe	Asn	Pro	Leu	Ser	Arg
			20					25						30	

Lys His Gly Cys Gly Phe Arg Val Arg Glu Phe Gly Asp Asn Thr Ala
35 40 45

Cys Ala Asp Pro Ser Glu Glu Trp Val Gln Lys Tyr Val Ser Asp Leu
50 55 60

Glu Leu Ser Ala
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<210> 3
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<212> PRT
<213> Homo sapiens

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Thr Leu Gln Lys Lys Ile Glu Glu Ile Ala Ala Lys Tyr Lys Ser Val
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Val Lys Lys Cys Cys Tyr Asp Gly Ala Cys Val Asn Asn Asp Glu Thr
20 25 30

Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Lys Cys Ile Lys
35 40 45

Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu Arg Ala Asn Ile
50 55 60

Ser His Lys Asp Met Gln Leu Gly Arg
65 70

<210> 4
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<212> PRT
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Met Pro Met Phe Ile Val Asn Thr Asn Val Pro Arg Ala Ser Val Pro
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Asp Gly Phe Leu Ser Glu Leu Thr Gln Gln Leu Ala Gln Ala Thr Gly
20 25 30

Lys Pro Pro Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met
35 40 45

Ala Phe Gly Gly Ser Ser Glu Pro Cys Ala Leu Cys Ser Leu His Ser
50 55 60

Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Ser Tyr Ser Lys Leu Leu
65 70 75 80

Cys Gly Leu Leu Ala Glu Arg Leu Arg Ile Ser Pro Asp Arg Val Tyr
85 90 95

Ile Asn Tyr Tyr Asp Met Asn Ala Ala Ser Val Gly Trp Asn Asn Ser
100 105 110

Thr Phe Ala
115

<210> 5

<211> 118

<212> PRT

<213> Homo sapiens

<400> 5

Gly Leu Leu Asp Leu Lys Ser Met Ile Glu Lys Val Thr Gly Lys Asn
1 5 10 15

Ala Leu Thr Asn Tyr Gly Phe Tyr Gly Cys Tyr Cys Gly Trp Gly Gly
20 25 30

Arg Gly Thr Pro Lys Asp Gly Thr Asp Trp Cys Cys Trp Ala His Asp
35 40 45

His Cys Tyr Gly Arg Leu Glu Glu Lys Gly Cys Asn Ile Arg Thr Gln
50 55 60

Ser Tyr Lys Tyr Arg Phe Ala Trp Gly Val Val Thr Cys Glu Pro Gly
65 70 75 80

Pro Phe Cys His Val Asn Leu Cys Ala Cys Asp Arg Lys Leu Val Tyr
85 90 95

Cys Leu Lys Arg Asn Leu Arg Ser Tyr Asn Pro Gln Tyr Gln Tyr Phe
100 105 110

Pro Asn Ile Leu Cys Ser
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<210> 6

<211> 10

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:synthetic

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Asp Ser Val Ile Ser Leu Ser Gly Asp His

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[illegible]